

## **ABSTRACT**

**For**

### **HANDOVER-METHOD IN A CELLULAR RADIO SYSTEM**

Handover in a cellular radio system having several frequency ranges is problematic e.g. from the viewpoint of network capacity utilisation. The invention concerns a handover-method, especially in a cellular radio system having at least two frequency ranges, wherein broadcasting is transmitted in a first frequency range and handover to a second frequency range is started. The method according to the invention is characterised in that bursts transmitted by the mobile station (MS) and relating to the handover signalling are measured therein at the base transceiver station (BTS), the measurement results are compared with a pre-established criterion and handover is completed only when the criterion is met.

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